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Attorney Docket No.:	21419/90368	
Client Ref. No.:		

DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES

(check one)				
	is attached hereto			
	X was filed on Nove	ember 19, 1999		as
	United States Application Serial No.	. 09/443,766		or
•	PCT International Application No.			
	and was amended on (if applicable)	,		
	•			
I hereby declare the as amended by any amended		contents of the above-identified specifica	tion, including	g the claims,
I acknowledge the Regulations, §1.56.	e duty to disclose information which is	s material to patentability as defined in	Title 37, Code	e of Federal
or inventor's certificate on		ited States Code, §119(a)-(d) of any foreig () and I have also identified below any for- lication on which priority is claimed:		
Prior-Foreign Application(s)	•	Priority	Claimed
PCT/US98/10318		May 20, 1998	X	· -4.
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
I hereby claim berbelow.	nefit under Title 35, United States Code	e, § 119(e) of any United States provision	nal applicatior	n(s) listed
	May	10, 1997	nal application	n(s) listed
below.	May		nal applicatior	n(s) listed
60/047,181 Application Number I hereby claim the insofar as the subject matter manner provided by the fir information as defined in T	May Filing benefit under Title 35, United States Cer of each of the claims of this applications to paragraph of Title 35, United States 6	Dode, §120 of any United States application is not disclosed in the prior United States Code, §112, I acknowledge the duty to de 1.56(b) which occurred between the filir	on(s) listed be ates applicatio isclose materi	elow and, n in the al
60/047,181 Application Number I hereby claim the insofar as the subject matter manner provided by the fir information as defined in T	May Filing benefit under Title 35, United States Cor of each of the claims of this applications apparagraph of Title 35, United States of the	Dode, §120 of any United States application is not disclosed in the prior United States Code, §112, I acknowledge the duty to de 1.56(b) which occurred between the filir	ion(s) listed be ates applicatio isclose materi ng date of the	clow and, n in the al prior

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Attorney Docket No.:	21419/90368	
Client Ref. No.:		

I hereby appoint Alice O. Martin, Reg. No. 35601; William R. Coffey, Reg. No. 24023; Richard D. Conard, Reg. No. 27321; Steven R. Lammert, Reg. No. 27653; Richard A. Rezek, Reg. No. 30796; Timothy E. Niednagel, Reg. No. 33266; Jill L. Woodburn, Reg. No. 39874; Nancy J. Harrison, Reg. No. 27083; R. Trevor Carter, Reg. No. 40549; Dilip A. Kulkarni, Reg. No. 27510; David B. Quick, Reg. No. 31993; Jill T. Powlick, Reg. No. 42088; Norman J. Hedges, Reg. No. 44151; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Bobby B. Gillenwater, Reg. No. 31105; Paul B. Hunt, Reg. No. 37154; Michael S. Gzybowski, Reg. No. 32816; Gerard T. Gallagher, Reg. No. 39679; Robert D. Null, Reg. No. 40746; and Gregory S. Cooper, Reg. No. 40965, as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG 2600 Chase Plaza 10 South LaSalle Street Chicago, Illinois 60603 (312) 357-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Brad T. Bosworth	
Full Name of Sole or First Joint Inventor	Country of Citizenship
Inventor's Signature	Date
And bland	
Residence and Post Office Address	
Peter Vögeli	Switzerland
Full Name of Second Joint Inventor	Country of Citizenship Tanuary 25, 2000
Inventor's Signature	Date
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METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES

	the specification of which			
	(check one)	is attached hereto		
		X was filed on N	ovember 19, 1999	as
		United States Application Serial	No. 09/443,766	or
=,		PCT International Application No	0.	
	,	and was amended on (if applicab	le)	
	I hereby declare the as amended by any amended		he contents of the above-identified speci	ification, including the claims,
matt. Hall	I acknowledge the Regulations, §1.56.	e duty to disclose information which	ch is material to patentability as defined	l in Title 37, Code of Federal
. Thus. II I Made	or inventor's certificate on v	which priority is claimed (as listed be	United States Code, §119(a)-(d) of any follow) and I have also identified below any application on which priority is claimed:	foreign application for patent
	Prior Foreign Application(s)·		Priority Claimed
ł	PCT/US98/10318		May 20, 1998	X
•	(Number)	(Country)	(Day/Month/Year Filed)	Yes No
	I hereby claim ber below.	nefit under Title 35, United States C	ode, § 119(e) of any United States prov	isional application(s) listed
	60/047,181	M	lay 10, 1997	
-	Application Number	Fi	ling Date	
	insofar as the subject matte manner provided by the fir- information as defined in T	er of each of the claims of this applic st paragraph of Title 35, United Stat	es Code, §120 of any United States application is not disclosed in the prior Unite tes Code, §112, I acknowledge the duty s, §1.56(b) which occurred between the this application:	d States application in the to disclose material
_				
	(Application Serial No.)	(Filing Date)	(Status-pater	nted, pending, abandoned)

Attorney Docket No.:	21419/90368
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I hereby appoint Alice O. Martin, Reg. No. 35601; William R. Coffey, Reg. No. 24023; Richard D. Conard, Reg. No. 27321; Steven R. Lammert, Reg. No. 27653; Richard A. Rezek, Reg. No. 30796; Timothy E. Niednagel, Reg. No. 33266; Jill L. Woodburn, Reg. No. 39874; Nancy J. Harrison, Reg. No. 27083; R. Trevor Carter, Reg. No. 40549; Dilip A. Kulkarni, Reg. No. 27510; David B. Quick, Reg. No. 31993; Jill T. Powlick, Reg. No. 42088; Norman J. Hedges, Reg. No. 44151; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Bobby B. Gillenwater, Reg. No. 31105; Paul B. Hunt, Reg. No. 37154; Michael S. Gzybowski, Reg. No. 32816; Gerard T. Gallagher, Reg. No. 39679; Robert D. Null, Reg. No. 40746; and Gregory S. Cooper, Reg. No. 40965, as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

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Brad T. Bosworth	U. 5. A.
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